

Product datasheet for **RN210419**

Cln8 (NM_001007686) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cln8 (NM_001007686) Rat Untagged Clone
Tag: Tag Free
Symbol: Cln8
Synonyms: MGC93871
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN210419 representing NM_001007686
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACTCCTGTGAGCAACCATGGCGTTGCGGAGAGCATTTTTGACCTGGACTATGCTTCTGGAAGATTC
GATCAACTCTAGCAGTAGCTGGCTTTGTCTTCTACCTGGGCGTCTTTGTGGTCTGCCACCAGCTTTCGTC
CTCCCTGAATGCCACCTACCGCTCTCTGTTGGCCAAAGAGAAGGTCTTCTGGAACCTGGCTGCGACGCGC
GCTGTCTTCGGCATCCAGAGCACAGCCGAGCCCTGTGGGCGCTGCTGGGAGACCCCGTGTCTACTCTA
ACAAGGCTCTCGGGCAGCAGAAGTGGTGTGGTCCACATCACCCTGCCACGGGATTTCTTCTTCGA
GAATGCGGCCGTTACCTGTCCAACCTGTTCTTCCGTACTTTTGACCTGTTTCTGGTCTGCCACCACCTC
TTTGCCTTTCTGGGTTCTTGGGTCAGCGGTCAATCTCAGAGCTGGCCACTACCTAGCCATGACCACTT
TGCTCCTAGAGATGAGCACGCCCTTACCTGCGTTTCTGGATGCTCCTGAAGGCTGGCTGGTCCACTC
CCTGTTCTGGAAGGTGAACCAGTGGCTGATGATCCACATGTTTCACTGCAGAATGATCCTTACCTACCAC
ATGTGGTGGGTGTGCTTCCAGCACTGGGACGCCCTCGCCAGCAGCCTGTACCTGCCCACTTGGCGCTGT
TCCTCTTCGGGCTGGCCCTGCTCACAGTCATTAACCTTACTGGACACACAAGAAGACCCAGCAGCT
TCTCAATCCCCTGGATTGGAACCTTGCACAGCCGGAAGCCAAGGGCGACCGGCAAGAAAGACCAATGGC
CAGGTGCCTCGGAAAAAGAGGCT**GTAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001007686
Insert Size: 867 bp



OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001007686.1</u> , <u>NP_001007687.1</u>
RefSeq Size:	2248 bp
RefSeq ORF:	867 bp
Locus ID:	306619
UniProt ID:	<u>Q6AYM9</u>
Cytogenetics:	16q12.5
Gene Summary:	Could play a role in cell proliferation during neuronal differentiation and in protection against cell death.[UniProtKB/Swiss-Prot Function]